

4BB APWA Guidance on Regulated Industries

APWA STORM WATER TASK FORCE

OVERVIEW OF THE NPDES GENERAL PERMIT FOR DISCHARGES OF STORM WATER ASSOCIATED WITH INDUSTRIAL ACTIVITIES

The California NPDES GENERAL PERMIT FOR DISCHARGES OF STORM WATER ASSOCIATED WITH INDUSTRIAL ACTIVITIES, EXCLUDING CONSTRUCTION ACTIVITIES (General Permit) was adopted by the State Water Resources Control Board (SWRCB) on November 19, 1991. Notices of Intent for coverage under the General Permit must be submitted to the SWRCB between the dates of January 15, 1992 and March 30, 1992. A California General Permit for Discharges of Storm Water Associated with Construction Activities is scheduled for adoption in Summer 1992.

The Federal storm water regulations identify the industry types, which are subject to storm water runoff, that require a permit. These industry types are described either by a specific description or by Standard Industrial Classifications (SIC) Code. The industry types identified include some facilities which may not typically be thought of as "industrial" and some facilities which are typically owned and operated by public agencies.

The General Permit covers storm water runoff from 10 of the following 11 categories listed in the Federal storm water regulations. The facilities included in each category are described in Attachment I and listed in the tables shown below in parentheses.

EPA Categories

- i. Facilities subject to storm water effluent guidelines, new source performance standards or toxic pollutant effluent standards under 40CFR Subchapter N (Table 1)
- ii. Certain manufacturing facilities (Table 2)
- iii. Active and inactive oil and gas operations and mining facilities (Table 2)
- iv. Hazardous waste treatment, storage, or disposal facilities (Table 4)
- v. Landfills, land application sites, and open dumps that receive or have received any industrial wastes from facilities listed herein (Table 4)
- vi. Recycling facilities, including metal scrap yards, battery reclaimers, salvage yards, and automobile junkyards (Table 2)
- vii. Steam electric power generating facilities (Table 4)
- viii. Transportation facilities which have vehicle maintenance shops, equipment cleaning operations, or airport deicing operations (Table 2)
- ix. Wastewater treatment plants with design flows greater than 1.0 mgd or plants required to have a pretreatment program (Table 4)
- x. Construction (will be covered under the separate General Permit for Discharges of Storm Water Associated with Construction Activities)

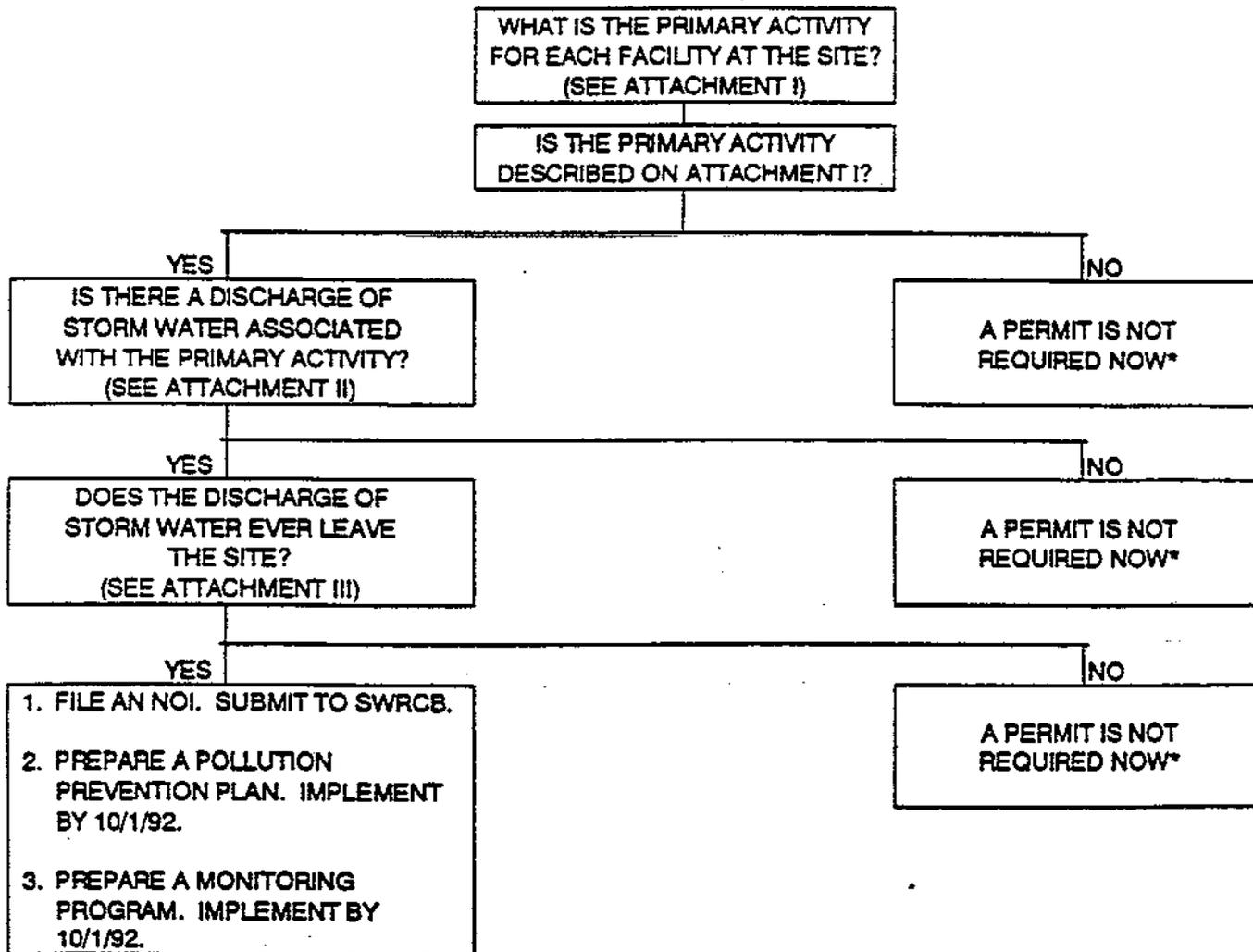
- xi. Other manufacturing facilities where materials, machinery, or products are exposed to storm water (Table 3)

General Information

- A. Permit Fee
1. \$250 in areas with a municipal NPDES permit
 2. \$500 in all other areas
- B. To obtain a permit application form (NOI), call Stefanie Gordon at 916/657-0752
- C. You will receive a letter 2 to 3 weeks after submitting your application confirming that you are covered by the General Permit
- D. If you fail to submit an NOI by the March 30, 1992 deadline, submit an NOI anyway with an explanation why you were delayed
- E. Certain determinations about this permitting process by the U.S. Environmental Protection Agency (EPA) may not apply in California. Procedures and applicability of the General Permit will be determined by the State Water Resources Board
- F. The two major requirements of the General Permit are development and implementation of a Storm Water Monitoring and Reporting Program and a Storm Water Pollution Prevention Plan
- G. Submit your completed NOI and permit fee to:
- State Water Resources Control Board
Division of Water Quality
P.O. Box 1977
Sacramento, CA 95812-1977
- Attention: Storm Water Permitting Section
- H. A Standard Industrial Classification (SIC) Manual can be found at most libraries. To order a manual call:
- 1-800-872-6386 or 1-800-562-0245
Specify Title Code #84161-9.

C6542/OVRVW
4/16/92

DECISION TREE
DOES THE GENERAL PERMIT FOR DISCHARGES OF
STORM WATER ASSOCIATED WITH INDUSTRIAL ACTIVITIES
APPLY TO MY SITE?



*** LOCAL AGENCIES MAY ADOPT OTHER PERMITS, CONDITIONS, RULES OR ORDINANCES THAT APPLY TO YOUR INDUSTRY.**

ATTACHMENT I

INTRODUCTION

The State NPDES General Permit for Discharges of Storm Water Associated with Industrial Activities (General Permit) covers 10 of the 11 categories of industrial facilities described in the federal storm water regulations. All 11 categories are described below. Industrial facilities owned or operated by governmental entities (including federal, state, and municipal facilities) and included in any of the 10 designated categories (Categories i through ix, and xi) are subject to General Permit requirements. Category x facilities will be covered by a separate General Permit for Discharges of Storm Water Associated with Construction Activities (scheduled for adoption in Summer 1992).

Category i through ix facilities must file a Notice of Intent to be covered by the General Permit if they discharge industrial storm water (see Attachment II) to waters of the United States (see Attachment III). Category xi facilities must file a Notice of Intent to be covered by the General Permit only if they have equipment or material (outdoor activities) exposed to storm water (see Attachments II and III).

Five categories of facilities (ii, iii, vi, viii, and xi) are defined by Standard Industrial Classification (SIC) codes. Application of SIC codes is described below. Affected SIC codes are listed in Tables 2 and 3.

The remaining six categories of facilities (i, iv, v, vii, ix, and x) are defined by industrial activity descriptions.

APPLICATION OF SIC CODES

Identify Each Facility Contained at the Site

A facility is defined as "something that is built, installed, or established to serve a particular purpose" (Webster's Ninth New College Dictionary, 1986). Therefore, identifying the "purpose" is critical in defining a facility, i.e., each facility will achieve a particular end which can be described with a SIC code.

If more than one activity is occurring, the site may involve two separate, but contiguous facilities. Factors to consider include physical barriers and separate management. For example, a hotel complex could include a marina facility managed by a separate party or separated by a physical barrier from the hotel complex. In this case, the marina would be considered a separate facility associated with industrial activity subject to the Permit requirements (Transportation SIC 4493).

Identify Primary Activity

Once all facilities are identified, determine the primary purpose for each facility. The primary purpose is determined by the principal product or groups of products produced or distributed, or services rendered. The principal product or service should be determined by its relative share of value added (gross production, sales, receipts, or revenues) at the facility. Once the primary purpose of facility is identified, you will be able to determine if the primary purpose is described by one of the listed SIC codes.

In issuing the General Permit, the SWRCB indicated that a facility must be permitted if the primary activity (purpose) at the facility is described by one of the listed SIC codes (whether or not the activity is primary or auxiliary to the owner or operator of the facility). Thus, the primary activity at the facility should be considered when applying the SIC codes rather than the primary business of the owner or operator.

For example, a school bus maintenance facility is required to obtain a permit since establishments operating school buses (SIC 4151) are in one of the categories described in the storm water permit regulations, even though the facility is owned by an educational institution (e.g., a school district) which is not described by one of the listed SIC codes.

If a site contains two or more facilities each described by designated SIC codes, only one NPDES permit may be necessary if the owner of the site assumes responsibility for all facilities (see Attachment III - Who is Responsible for Obtaining the NPDES permit?). As an alternative, the operators for each facility could apply for separate permits.

GENERAL DESCRIPTION OF INDUSTRIAL FACILITY CATEGORIES

Category i

Facilities Listed Under 40 CFR Subchapter N

These consist of all facilities subject to promulgated: a) storm water effluent limitation guidelines, b) new source performance standards, or c) toxic pollutant effluent standards under 40 CFR Subchapter N. All affected industrial categories are identified in Table 1.

Industries listed with the new source performance standards group need only be permitted if they are a "new source"; meaning an industrial facility built after the performance standards were promulgated by EPA. Industries that believe that they may be included in Category i should review the Subchapter N guidelines and/or consult their local Regional Water Quality Control Board.

Excluded are facilities with toxic pollutant effluent standards which are exempted under Category xi (i.e. because materials, equipment, and products are not exposed to storm water).

Category ii

Manufacturing Facilities

These consist of facilities engaged in the mechanical or chemical transformation of materials or substances into new products, and are usually described as plants, factories, or mills and characteristically use power driven machines and materials handling equipment. Establishments engaged in assembling component parts of manufactured products or in the blending of materials such as lubricating oils, plastics, or liquors are included. Table 2 includes all four digit SIC codes within this category.

All facilities identified by this category are required to file to be covered by the General Permit, regardless of whether equipment and/or materials are exposed to storm water. These facilities should also note that the definition of "storm water discharge associated with industrial activity" (see Attachment II) includes, but is not limited to, discharges from the specified industrial activity areas. Included in the definition are manufacturing buildings and material and waste storage areas (whether totally enclosed or not) including tank farm areas. Activities of concern include emissions from stacks or air exhaust systems, use of unhooded manufacturing and heavy industrial equipment, and generation of dust or particulates.

Excluded are facilities engaged in services or wholesale or retail trade.

Category iii

Oil and Gas/Mining Facilities

These consist of active or inactive mining operations and oil and gas exploration, production, processing, or treatment operations, or transmission facilities that discharge storm water

contaminated by contact with or that has come into contact with any overburden, raw material, intermediate products, finished products, by-products, or waste products located on the site of such operations. Inactive mining operations are mined sites that are not being actively mined, but which have an identifiable owner/operator. Included are SIC Codes 10 (Metal Mining), 11 (Anthracite Mining), 12 (Coal Mining), 13 (Oil and Gas Extraction), and 14 (Mining and Quarrying of Nonmetallic Minerals, Except Fuels). Table 2 includes all four digit SIC codes within this category.

Excluded are inactive mining sites where mining claims are being maintained prior to disturbances associated with the extraction, beneficiation, or processing of mined material, nor sites where minimal activities are undertaken for the sole purpose of maintaining a mining claim. Also excluded are certain areas of coal mining meeting the definition of a reclamation area under 40 CFR 434.11(1) and certain areas of non-coal mining which have been released from state or federal reclamation requirements after December 17, 1990.

Category iv

Hazardous Waste Treatment, Storage, or Disposal Facilities

These consist of hazardous waste treatment, storage, or disposal facilities, including those that are operating under interim status or permit under Subtitle C of the Resource Conservation and Recovery ACT (RCRA). These include only hazardous waste facilities under the federal definition of hazardous waste (RCRA hazardous waste as defined in Title 22, Section 66261.3, CA Health and Safety Code). The California definition of hazardous waste is broader and includes non-RCRA hazardous wastes. Only hazardous waste facilities based on the federal definition are required to obtain a NPDES storm water permit. However, non-RCRA hazardous waste facilities are still expected to effectively manage storm water discharges and may be required by a Regional Board to obtain a permit on a case-by-case basis. They must also comply with any conditions imposed by a permitted municipal storm water agency. See Table 4 for further detail.

Category v

Landfills, Land Application Sites, and Open Dumps

These consist of landfills, land application sites, and dumps that received any industrial wastes, including active and inactive sites that receive or have received industrial waste from any of the types of facilities described as industrial facilities in the storm water regulations (i.e., these eleven categories), sites subject to regulation under Subtitle D of RCRA, and sites that have accepted wastes from construction activities (construction activities include any clearing, grading, or excavation that results in disturbance of five acres or more). It is probable that most active and inactive landfills have received industrial waste. See Table 4 for further detail.

Excluded are properly closed landfills that now function as a different land use (e.g., park, golf course, etc.) and which do not pose a threat of discharging storm water exposed to landfill waste.

Category vi

Recycling Facilities

These consist of facilities involved in the recycling of materials, including facilities engaged in assembling, breaking up, sorting, and wholesale distribution of motor vehicle motors and parts, scrap, and other waste materials, and include metal scrap yards, battery reclaimers, salvage yards, and automobile junkyards. Included are facilities which store and recycle paper, glass, metals, oil, rubber, plastics, and other synthetics. These include SIC Code 5015-Used Motor Vehicle Parts and SIC Code 5093-Scrap and Waste Materials.

Excluded are municipal waste collection sites where bottles, cans, and papers are collected for recycling purposes.

Category vii

Steam Electric Power Generating Facilities

These consist of steam electric power generating facilities, including coal handling sites. See Table 4 for further detail.

Excluded are onsite and offsite ancillary transformer facilities, as long as such facilities have regular inspections and management practices in place, including spill prevention, response, and clean up.

Category viii

Transportation Facilities

These consist of transportation facilities classified by the SIC indicated below which have vehicle maintenance shops, equipment cleaning operations, or airport deicing operations. Only those portions of the facility involved in vehicle maintenance (including vehicle rehabilitation, mechanical repairs, painting, fueling, and lubrication), equipment cleaning operations, airport deicing operations, or other operations identified under Categories i through vii or ix through xi must be permitted.

In determining whether a facility is covered by the transportation category, first determine whether the facility is involved in providing transportation to individual customers or for other companies or establishments, or provides long-distance trucking services to anyone. Maintenance facilities owned or operated by companies or public agencies which are involved in providing transportation services to the public or other businesses are covered, including the transportation of individuals (such as by buses, vans, or taxis) and goods (such as by trucks, rail, ships, or airplanes). All long-distance trucking facilities are covered.

Excluded are transportation facilities which only transport goods for the company or enterprise of which it is a part or only transport its own employees. Municipal corporation yards are excluded unless they perform the functions described in the SIC codes below, such as the service of an urban or suburban bus line (SIC 4111 - Local and Suburban Transit), or contain a warehousing and storage facility described by SIC codes 4225 or 4226. However, all municipal corporation yards are still expected to effectively manage storm water discharges and may be required by a Regional Board to obtain a Permit on a case-by-case basis. They must also comply with any conditions imposed by a permitted municipal storm water agency.

Also excluded are fuel stations, vehicle repair or service stations, and body shops which are not associated with the establishments described in the SIC codes below. However, these establishments are still expected to effectively manage storm water discharges and may be required by a Regional Board to obtain a permit on a case-by-case basis. They must also comply with any conditions imposed by a permitted municipal storm water agency.

Major transportation groups covered by the Permit are described below:

SIC 40 - Railroad Transportation :

This major group includes establishments furnishing transportation by line-haul railroad, and switching and terminal establishments. Railways serving a single municipality, contiguous municipalities, or a municipality and its suburban areas are classified in Major Group 41.

SIC 41 - Local and Suburban Transit and Interurban Highway Passenger Transportation

This major group includes establishments primarily engaged in furnishing local and suburban passenger transportation, such as those providing passenger transportation within a single municipality, contiguous municipalities, or a municipality and its suburban areas by bus, rail, or subway, either separately or in combination, and establishments engaged in furnishing transportation to local scenic features. Also included are establishments primarily engaged in furnishing highway passenger transportation and establishments furnishing highway passenger terminal or maintenance facilities. Intercity bus lines are included in this major group, but interurban railways are classified in Major Group 40.

SIC 42 - Motor Freight Transportation and Warehousing (except SIC 4221-25 (Public Warehousing) which are included in Category xi)

This major group includes establishments furnishing local or long-distance trucking or transfer services or those engaged in the storage of special products (SIC 4226) such as automobiles (dead storage only), furs (for the trade), textiles, whiskey, and goods at foreign trade zones.

SIC 43 - United States Postal Service

SIC 44 - Water Transportation

This major group includes establishments engaged in freight and passenger transportation on the open seas or inland waters, and establishments furnishing such incidental service as lighterage, towing, and canal operation. This major group also includes excursion boats, sightseeing boats, and water taxis. Establishments engaged in the operation of charter or party fishing boats are not included.

SIC 45 - Transportation by Air

This major group includes establishments engaged in furnishing domestic and foreign transportation by air and also those operating airports and flying fields and furnishing terminal services. Establishments primarily engaged in performing services which may incidentally use airplanes (e.g. crop dusting and aerial photography) are not included.

SIC 5171 - Petroleum Bulk Stations and Terminals

These include establishments primarily engaged in the wholesale distribution of crude petroleum and petroleum products, including liquefied petroleum gas, from bulk liquid storage facilities.

Table 2 includes a complete list of all four digit SIC codes within this category. All facilities identified by this category are required to obtain NPDES permits for the discharge of industrial storm water regardless of material, equipment, or product exposure.

Category ix

Sewage or Wastewater Treatment Works

These consist of treatment works treating domestic sewage or any other sewage sludge or wastewater treatment device or system used in the storage, treatment, recycling, and reclamation of municipal or domestic sewage, including land dedicated to the disposal of sewage sludge that are located within the confines of the facility, with a design flow of one million gallons per day (MGD) or more, or required to have an approved pretreatment program under 40 CFR Part 403. Industrial activity areas at these facilities include, but are not limited to, onsite sludge composting;

storage of chemicals such as ferric chloride, alum polymers, and chlorine; and areas which experience spills and bubbleovers. See Table 4 for further detail.

Excluded are farm lands, domestic gardens, or lands used for sludge management or reclamation of municipal wastewater where the sludge or wastewater is beneficially reused and which are not physically located in the confines of the facility.

Category x

Construction Activities

These include, but are not limited to, clearing, grading, and excavation activities. The State intends to issue a separate General Permit for Discharges of Storm Water Associated with Construction Activities to cover storm water discharges from these activities. The General Permit for Construction Activities will further delineate the extent of affected construction activities.

Excluded from the General Permit for Construction Activities will be operations that result in the disturbance of less than five acres of total land area which are not part of a larger common plan of development or sale. However, such operations are still expected to effectively manage storm water discharges and may be required by a Regional Board to obtain a permit on a case-by-case basis. They must also comply with any conditions imposed by local permitted municipal storm water agencies.

Category xi

Manufacturing Facilities

These consist of manufacturing facilities identified by SIC code which have storm water discharges "associated with industrial activities" from areas where material handling equipment or activities, raw materials, intermediate products, final products, waste materials, by-products, or industrial machinery are exposed to storm water. Discharges of storm water "associated with industrial activity" and "exposure" to storm water are addressed in Attachment II.

Areas of industrial activity include manufacturing buildings and storage areas. Areas of industrial activity do not include access roads and rail lines.

Table 3 is a complete list of four digit SIC codes included in this category.

4/16/92

ATTACHMENT II

IS THERE A DISCHARGE OF STORM WATER ASSOCIATED WITH INDUSTRIAL ACTIVITY?

The term "discharges of storm water associated with industrial activity" means discharges of storm water from areas at a facility where storm water may contact pollutants or activities may release pollutants to storm water. Such discharges include, but are not limited to, discharges from the following:

- a. Industrial plan yards;
- b. Immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility (except for category xi);
- c. Material handling sites;
- d. Refuse sites;
- e. Sites used for the application or disposal of process waste waters; 40 CFR 401
- f. Sites used for the storage and maintenance of material handling equipment;
- g. Sites used for residual treatment, storage, or disposal;
- h. Shipping and receiving areas;
- i. Storage areas (including tank farms) for raw materials, and intermediate and finished products;
- j. Manufacturing buildings; and
- k. Areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water.

Significant materials include, but are not limited to, raw materials; fuels; materials such as solvents, detergents, and plastic pellets; finished materials such as metallic products; raw materials used in food processing or production; hazardous substances; fertilizers; pesticides; and waste products such as ashes, slag and sludge that have the potential to be released with storm water discharges.

Access roads and rail lines include those used or traveled by carriers of raw materials, manufactured products, waste materials, or by-products used or created by the facility. Included are haul roads or rail lines dedicated to transportation of industrial products at facilities and roads and rail lines which are exclusively or primarily dedicated for use by the facility. They do not include public access roads or roads used to transport bulk samples of raw materials or products in small-scale prior to industrial production.

Note that the definition of industrial activity areas is not limited to the specified areas. Any area at a facility where storm water may contact pollutants or activities may release pollutants to storm water must be considered. Also note that the definition includes manufacturing buildings and material and waste storage areas (whether totally enclosed or not). Activities of concern in these areas include emissions from stacks or air exhaust systems, use of unhooded manufacturing and heavy industrial equipment, generation of dust or particulates, use of material handling equipment, and material handling activities.

Non-industrial Areas are areas located at facilities such as office buildings and accompanying parking lots are generally excluded, as long as the drainage from the excluded areas is discharged separately from storm water drained from areas with industrial activities. The intent of the regulations is to control industrial activity storm water discharges. Non-industrial areas are considered equivalent to residential or commercial land-use areas and should be managed as such. These areas may be subject to other requirements imposed by local agencies which have jurisdiction over or manage storm drain systems or waterways.

For the manufacturing facilities identified by Category xi, storm water discharge associated with industrial activity includes only storm water discharges from the areas (except access roads and rail lines) that are listed above where material handling equipment or activities, raw materials, intermediate products, final products, waste material, by-products, or industrial machinery are exposed to storm water.

Exposure means either direct contact with storm water or the possibility of release (e.g., spills) of pollutants to storm water. For example, roof drainage from manufacturing buildings must be considered when determining exposure. Exposure in this circumstance would include direct or potential contact or release of pollutants (associated with raw materials, products, or waste) from roof stacks to storm water. Manufacturing facilities may also be sources of dust or particulates associated with material handling equipment or activities, raw materials, products, or waste, or industrial machinery. Enclosed storage areas are also defined as areas of industrial activity where there may be exposure during loading/unloading of materials or exposure due to spills.

Category xi facilities are expected to use reasonable and professional judgment when making the determination of exposure from the listed areas and activities. In order to demonstrate that these areas are not exposed to storm water, the following conditions must be met:

1. All illicit (un-permitted) connections to the storm drainage system must be eliminated;
2. All materials must be completely contained at all times so, if spilled, they will not directly or indirectly contact storm water, and
3. All emissions from stacks or air exhaust systems, unhooded manufacturing and heavy industrial equipment, and emissions of dust or particulates must not be exposed to storm water.

If a facility demonstrates that there is no exposure, documentation of the rationale for the determination should be retained on site. Written approval by a Regional Board and a NPDES industrial storm water discharge permit is not required for such facilities. However, such facilities are expected to effectively manage storm water discharges and may be required by a Regional Board to obtain a permit on a case-by-case basis. They must also comply with any conditions imposed by a permitted municipal storm water agency.

4/16/92

ATTACHMENT III

IS THERE A DISCHARGE OF STORM WATER ASSOCIATED WITH INDUSTRIAL ACTIVITY TO WATERS OF THE UNITED STATES?

The answer is yes, and a General Permit is required, if either of the following applies:

- a. The discharge of industrial storm water is directly to waters of the United States through any conveyance. The conveyance does not have to be a pipe or ditch. It includes "sheet flow" discharges resulting from any manipulation of land surface (e.g., pavement).
- b. The discharge of industrial storm water is to a storm drain system which ultimate discharges to waters of the United States. In this case all "sheet flow" discharges are included.

The answer is no, and General Permit is not required, if either of the following applies:

- a. The discharge of industrial storm water is to a municipal sanitary sewer system or combined sewer system (combined sanitary and storm sewer system).
- b. The discharge of industrial storm water is to evaporation ponds, percolation ponds, or dry wells (groundwater injection wells), and there is no discharge to surface waters under any circumstances.

Even though these types of discharges are not required to obtain a General Permit, the discharges may be subject to separate waste discharge requirements issued by a Regional Water Quality Control Board (Regional Board) if they pose a threat to groundwater. If there is a question, call the local Regional Board to obtain guidance.

IS A SEPARATE STORM WATER PERMIT REQUIRED IF THE FACILITY ALREADY HAS A NPDES PERMIT?

A separate General Permit is not required if an existing NPDES permit identifies and addresses all industrial storm water discharges from the facility.

An existing NPDES permit may be modified to address all industrial storm water. Normally, this modification will occur when the existing permit is reissued or amended by a Regional Board. In the interim, the facility should obtain coverage under the General Permit.

WHO IS RESPONSIBLE FOR OBTAINING THE GENERAL PERMIT?

Either the owner or operator of the facility may obtain the Permit. Generally, the operator will be responsible for obtaining the permit. The operator is usually responsible for the industrial activity, and therefore, more appropriately, the best entity to manage the activity in compliance with the permit. However, owners may obtain coverage for a facility with the understanding that they will be directly responsible for the storm water discharge and consequently, responsible for compliance with permit conditions.

For example, a tenant which operates an industrial facility at an airport complex may be responsible for submitting a NOI for coverage under the General Permit and would be responsible for implementing a Storm Water Pollution Prevention Plan (SWPP Plan) for its facility. Alternatively, the airport owner may choose to assume responsibility for its tenants, in addition to its own industrial activities. In this case, the airport owner would submit a NOI and would be responsible for implementing a SWPP Plan that addresses all noted activities at the airport complex.

TABLE 1
SUBCHAPTER N - EFFLUENT GUIDELINES AND STANDARDS
(Category i)

Group 1	Group 2	Group 3	Part	Description
	X		405	Dairy products processing point source category
	X		406	Grain mills point source category
	X		407	Canned and preserved fruits and vegetables processing point source category
	X		408	Canned and preserved seafood processing point source category
	X		409	Sugar processing point source category
	X	X	410	Textile mills point source category
X	X		411	Cement manufacturing point source category
X	X		412	Feedlots point source category
	X	X	413	Electroplating point source category
	X	X	414	Organic chemicals, plastics, and synthetic fibers
	X	X	415	Inorganic chemicals manufacturing point source category
	X		417	Soap and detergent manufacturing point source category
X	X		418	Fertilizer manufacturing point source category
X	X	X	419	Petroleum refining point source category
	X	X	420	Iron and steel manufacturing point source category
	X	X	421	Nonferrous metals manufacturing point source category
X	X		422	Phosphate manufacturing point source category
X	X	X	423	Steam electric power generating point source category
	X	X	424	Ferroalloy manufacturing point source category
	X	X	425	Leather tanning and finishing point source category
	X	X	426	Glass manufacturing point source category
	X		427	Asbestos manufacturing point source category
	X	X	428	Rubber manufacturing point source category
	X	X	429	Timber products processing point source category
	X	X	430	Pulp, paper, and paperboard point source category
	X		431	The builders' paper and board mills point source category
	X		432	Meat products point source category
	X	X	433	Metal finishing point source category

TABLE 1 (Continued)
SUBCHAPTER N - EFFLUENT GUIDELINES AND STANDARDS
(Category i)

Group 1	Group 2	Group 3	Part	Description
X	X		434	Coal mining point source category; BPT, BAT, BCT limitations and new source performance standards
			435	Oil and gas extraction point source category
X			436	Mineral mining and processing point source category
	X	X	439	Pharmaceutical manufacturing point source category
X	X	X	440	Ore mining and dressing point source category
X	X		443	Effluent limitations guidelines for existing sources and standards of performance and pretreatment standards for new sources for the paving and roofing materials (tars and asphalt) point source category
	X		446	Paint formulating point source category
	X		447	Ink formulating point source category
			454	Gum and wood chemicals manufacturing point source category
		X	455	Pesticide chemicals
			457	Explosives manufacturing point source category
	X		458	Carbon black manufacturing point source category
		X	459	Photographic point source category
			460	Hospital point source category
	X	X	461	Battery manufacturing point source category
	X		463	Plastics molding and forming point source category
	X	X	464	Metal molding and casting point source category
	X	X	465	Coil coating point source category
	X	X	466	Porcelain enameling point source category
	X	X	467	Aluminum forming point source category
	X	X	468	Copper forming point source category
	X	X	469	Electrical and electronic components point source category
	X	X	471	Nonferrous metals forming and metal powders point source category

Group 1: Storm water effluent limitations guidelines - Permit Mandatory

Group 2: New source performance standards - Permit Mandatory

Group 3: Toxic pollutant effluent standards - Permit conditional on exposure to storm water (Category xi)

4/16/92

TABLE 2

**MANDATORY INDUSTRIES (Categories ii,iii, vi, and viii)
Permit Required in Any Case**

Metal Mining

1011	Iron Ores
1021	Copper Ores
1031	Lead & Zinc Ores
1041	Gold Ores
1044	Silver Ores
1061	Ferrous Alloy Ores, Except Vanadium
1081	Metal Mining Services
1094	Uranium-Radium-Vanadium Ores
1099	Miscellaneous Metal Ores, N.E.C.

Coal Mining

1221	Bituminous Coal and Lignite Surface Mining
1222	Bituminous Coal Underground Mining
1231	Anthracite Mining
1241	Coal Mining Services

Oil & Gas Extraction

1311	Crude Petroleum & Natural Gas
1321	Natural Gas Liquids
1381	Drilling Oil & Gas Wells
1382	Oil & Gas Field Exploration Services
1389	Oil & Gas Field Services, N.E.C.

Mining & Quarrying of Nonmetallic Minerals, Except Fuels

1411	Dimension Stone
1422	Crushed & Broken Limestone
1423	Crushed & Broken Granite
1429	Crushed & Broken Stone, N.E.C.
1442	Construction Sand & Gravel
1446	Industrial Sand
1455	Kaoline & Ball Clay
1459	Clay & Related Minerals, N.E.C.
1474	Potash, Soda, & Borate Minerals
1475	Phosphate Rock
1479	Chemical & Fertilizer Mineral Mining, N.E.C.
1481	Nonmetallic Minerals Services, Except Fuels
1499	Miscellaneous Nonmetallic Minerals, Except Fuels, N.E.C.

Lumber & Wood Products, Except Furniture

2421	Sawmills & Planing Mills, General
2426	Hardwood Dimension & Flooring Mills
2429	Special Product Sawmills, N.E.C.
2431	Millwork
2435	Hardwood Veneer & Plywood
2436	Softwood Veneer & Plywood
2439	Structural Wood Members, N.E.C.
2441	Nailed and Lock Corner Wood Boxes & Shook
2448	Wood Pallets & Skids
2449	Wood Containers, N.E.C.
2451	Mobile Homes

Lumber & Wood Products, Except Furniture (Cont.)

2452	Prefabricated Wood Buildings
2491	Wood Preserving
2493	Reconstituted Wood Products
2499	Wood Products, N.E.C.

Paper & Allied Products

2611	Pulp Mills
2621	Paper Mills
2631	Paperboard Mills

Chemicals & Allied Products

2812	Alkalies & Chlorine
2813	Industrial Gases
2816	Inorganic Pigments
2819	Industrial Inorganic Chemicals, N.E.C.
2821	Plastics Materials, Synthetic Resins, & Nonvulcanizable Elastomers
2822	Synthetic Rubber
2823	Cellulosic Manmade Fibers
2824	Manmade Organic Fibers, Except Cellulosic
2841	Soap & Other Detergents, Except Specialty Cleaners
2842	Specialty Cleaning, Polishing, & Sanitation Preparations
2843	Surface Active Agents, Finishing Agents, Sulfurated Oils, and Assistants
2844	Perfumes, Cosmetics, & Other Toilet Preparations
2851	Paints, Varnishes, Lacquers, Enamels, and Allied Products
2861	Gum & Wood Chemicals
2865	Cyclic Organic Crudes & Intermediates, & Organic Dyes & Pigments
2869	Industrial Organic Chemicals, N.E.C.
2873	Nitrogenous Fertilizers
2874	Phosphatic Fertilizers
2875	Fertilizers, Mixing Only
2879	Pesticides & Agricultural Chemicals, N.E.C.
2891	Adhesives & Sealants
2892	Explosives
2893	Printing Ink
2895	Carbon Black
2899	Chemicals & Chemical Preparations, N.E.C.

Petroleum Refining & Related Industries

2911	Petroleum Refining
2951	Asphalt Paving Mixtures & Blocks
2952	Asphalt Felts & Coatings
2992	Lubricating Oils & Greases
2999	Products of Petroleum & Coal, N.E.C.

Leather Tanning & Finishing

3111	Leather Tanning & Finishing
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Note: N.E.C. means Not Elsewhere Classified.

Stone, Clay, Glass, & Concrete Products

3211 Flat Glass
3221 Glass Containers
3229 Pressed & Blown Glass & Glassware, N.E.C.
3241 Cement, Hydraulic
3251 Brick & Structural Clay Tile
3253 Ceramic Wall & Floor Tile
3255 Clay Refractories
3259 Structural Clay Products, N.E.C.
3261 Vitreous China Plumbing Fixtures & China & Earthenware Fixings & Bathroom Accessories
3262 Vitreous China Table and Kitchen Articles
3263 Fine Earthenware (Whiteware) Table and Kitchen Articles
3264 Porcelain Electrical Supplies
3269 Pottery Products, N.E.C.
3271 Concrete Block & Brick
3272 Concrete Products, Except Block & Brick, N.E.C.
3273 Ready-Mixed Concrete
3274 Lime
3275 Gypsum Products
3281 Cut Stone & Stone Products
3291 Abrasive Products
3292 Asbestos Products
3295 Minerals & Earths, Ground or Otherwise Treated
3296 Mineral Wool
3297 Nonclay Refractories
3299 Nonmetallic Mineral Products, N.E.C.

Primary Metal Industries

3312 Steel Works, Blast Furnaces (Including Coke Ovens), & Rolling Mills
3313 Electrometallurgical Products, Except Steel
3315 Steel Wiredrawing & Steel Nails & Spikes
3316 Cold-Rolled Steel Sheet, Strip, & Bars
3317 Steel Pipe & Tubes
3321 Gray & Ductile Iron Foundries
3322 Malleable Iron Foundries
3324 Steel Investment Foundries
3325 Steel Foundries, N.E.C.
3331 Primary Smelting & Refining of Copper
3334 Primary Production of Aluminum
3339 Primary Smelting & Refining of Nonferrous Metals, Except Copper & Aluminum
3341 Secondary Smelting & Refining of Nonferrous Metals
3351 Rolling, Drawing, & Extruding of Copper
3353 Aluminum Sheet, Plate, & Foil
3354 Aluminum Extruded Products
3355 Aluminum Rolling & Drawing, N.E.C.
3356 Rolling & Drawing of Nonferrous Metals, Except Copper & Aluminum
3357 Drawing & Insulating of Nonferrous Wire
3363 Aluminum Die-Castings
3364 Nonferrous Die-Castings, Except Aluminum
3365 Aluminum Foundries
3366 Copper Foundries

Primary Metal Industries (Cont.)

3369 Nonferrous Foundries, Except Aluminum & Copper
3398 Metal Heat Treating
3399 Primary Metal Products, N.E.C.

Fabricated Structural Metal Products

3441 Fabricated Structural Metal

Electronic & Other Electrical Equipment & Components, Except Computer Equipment

3648 Lighting Equipment, N.E.C.
3652 Phonograph Records & Prerecorded Audio Tapes & Disks
3679 Electronic Components, N.E.C.

Ship & Boat Building & Repairing

3731 Ship Building & Repairing
3732 Boat Building & Repairing

Railroads

4011 Railroads, Line-Haul Operating
4013 Railroad Switching & Terminal Establishments

Local & Suburban Transit & Interurban Highway Passenger Transportation

4111 Local & Suburban Transit
4119 Local Passenger Transportation, N.E.C.
4121 Taxicabs
4131 Intercity & Rural Bus Transportation
4141 Local Bus Charter Service
4142 Bus Charter Service, Except Local
4151 School Buses
4173 Terminal & Service Facilities for Motor Vehicle Passenger Transportation

Motor Freight Transportation & Warehousing

4212 Trucking, Local Without Storage
4213 Trucking, Except Local
4214 Local Trucking & Storage
4215 Courier Services, Except By Air
4226 Special Warehousing & Storage, N.E.C.
4231 Terminal Facilities & Joint Terminal Maintenance Facilities for Motor Freight Transportation

United States Postal Service

4311 United States Postal Service

Water Transportation

4412 Deep Sea Foreign Transportation of Freight
4424 Deep Sea Domestic Transportation of Freight
4432 Freight Transportation on the Great Lakes - St. Lawrence Seaway
4449 Water Transportation of Freight, N.E.C.

Note: N.E.C. means Not Elsewhere Classified.

Water Transportation (Cont.)

- 4481 Deep Sea Transportation of Passengers,
Except by Ferry
- 4482 Ferries
- 4489 Water Transportation of Passengers, N.E.C.
- 4491 Marine Cargo Handling
- 4492 Towing & Tugboat Services
- 4493 Marinas
- 4499 Water Transportation Services, N.E.C.

Transportation By Air

- 4512 Air Transportation, Scheduled
- 4513 Air Courier Services
- 4522 Air Transportation, Nonscheduled
- 4581 Airports, Flying Fields, & Airport Terminal
Services

Wholesale Trade - Durable Goods

- 5015 Motor Vehicle Parts, Used
- 5093 Scrap & Waste Materials

Petroleum & Petroleum Products

- 5171 Petroleum & Petroleum Product Wholesalers,
Except Bulk Stations & Terminals

Note: N.E.C. means Not Elsewhere Classified.

TABLE 3

CONDITIONAL INDUSTRIES (Category xi)
 Permit required only if materials, machinery,
 or products are exposed to stormwater

Food & Kindred Products

2011	Meat Packing Plants
2013	Sausages & Other Prepared Meat Products
2015	Poultry Slaughtering & Processing
2021	Creamery Butter
2022	Natural, Processed, & Imitation Cheese
2023	Dry, Condensed, & Evaporated Dairy Products
2024	Ice Cream & Frozen Desserts
2026	Fluid Milk
2032	Canned Specialities
2033	Canned Fruits, Vegetables, Preserves, Jams, & Jellies
2034	Dried & Dehydrated Fruits, Vegetables, & Soups Mixes
2035	Pickled Fruits & Vegetables, Vegetable Sauces & Seasonings, & Salad Dressings
2037	Frozen Fruits, Fruit Juices, & Vegetables
2038	Frozen Specialities, N.E.C.
2041	Flour & Other Grain Mill Products
2043	Cereal Breakfast Foods
2044	Rice Milling
2045	Prepared Flour Mixes & Doughs
2046	Wet Corn Milling
2047	Dog & Cat Food
2048	Prepared Feeds & Feed Ingredients for Animals & Fowls, Except Dogs & Cats
2051	Bread & Other Bakery Products, Except Cookies & Crackers
2052	Cookies & Crackers
2053	Frozen Bakery Products, Except Bread
2061	Cane Sugar, Except Refining
2062	Sugar Cane Refining
2063	Beet Sugar
2064	Candy & Other Confectionery Products
2066	Chocolate & Cocoa Products
2067	Chewing Gum
2068	Salted & Roasted Nuts & Seeds
2074	Cononseed Oil Mills
2075	Soybean Oil Mills
2076	Vegetable Oil Mills, Except Corn, Cononseed, & Soybean
2077	Animal & Marine Fats & Oils
2079	Shonning, Table Oils, Margerine, & Other Edible Fats & Oils, N.E.C.
2082	Malt Beverages
2083	Malt
2084	Wines, Brandy, & Brandy Spirits
2085	Distilled & Blended Liquors
2086	Bottled & Canned Soft Drinks & Carbonated Waters
2087	Flavoring Extracts & Syrups, N.E.C.
2091	Canned & Cured Fish & Seafoods
2092	Prepared Fresh or Frozen Fish & Seafoods
2095	Roasted Coffee
2096	Peanut Chips, Corn Chips, & Similar Snacks
2097	Manufactured Ice
2098	Macaroni, Spaghenzi, Vermicelli, & Noodles

Food & Kindred Products (Cont.)

2099 Food Preparations, N.E.C.

Tobacco Products

2111	Cigarettes
2121	Cigars
2131	Chewing & Smoking Tobacco & Snuff
2141	Tobacco Stemming & Redrying

Textile Mill Products

2211	Broadwoven Fabric Mills, Cotton
2221	Broadwoven Fabric Mills, Manmade Fiber & Silk
2231	Broadwoven Fabric Mills, Wool (Including Dyeing & Finishing)
2241	Narrow Fabric & Other Smallwares Mills: Cotton, Wool, Silk, & Manmade Fiber
2251	Women's Full-Length & Knee-Length Hosiery, Except Socks
2252	Hosiery, N.E.C.
2253	Knit Outerwear Mills
2254	Knit Underwear & Nightwear Mills
2257	Wet Knit Fabric Mills
2258	Lace & Warp Knit Fabric Mills
2259	Knitting Mills, N.E.C.
2261	Finishers of Broadwoven Fabrics of Cotton
2262	Finishers of Broadwoven Fabrics of Manmade Fiber & Silk
2269	Finishers of Textiles, N.E.C.
2273	Carpets & Rugs
2281	Yarn Spinning Mills
2282	Yarn Texturizing, Throwing, Twisting, & Winding Mills
2284	Thread Mills
2295	Coated Fabrics, Not Rubberized
2296	Tire Cord & Fabrics
2297	Nonwoven Fabrics
2298	Cordage & Twine
2299	Textile Goods, N.E.C.

Apparel & Other Finished Products Made From Fabrics & Similar Materials

2311	Men's & Boy's Suits, Coats, & Overcoats
2321	Men's & Boy's Shirts, Except Work Shirts
2322	Men's & Boy's Underwear & Nightwear
2325	Men's & Boy's Separate Trousers & Slacks
2326	Men's & Boy's Work Clothing
2329	Men's & Boy's Clothing, N.E.C.
2331	Women's, Misses' & Juniors' Blouses & Shirts
2335	Women's, Misses' & Juniors' Dresses
2337	Women's, Misses' & Juniors' Suits, Skirts, & Coats
2339	Women's, Misses' & Juniors' Outerwear, N.E.C.

Note: N.E.C. means Not Elsewhere Classified.

Apparel & Other Finished Products Made From
Fabrics & Similar Materials (Cont.)

2341	Women's, Misses, Children's, & Infants' Underwear & Nightwear
2342	Brassieres, Girdles, & Allied Garments
2353	Hats, Caps, & Millinery
2361	Girls' Children's & Infants' Dresses, Blouses, & Shirts
2369	Girls', Childrens', & Infants' Outerwear, N.E.C.
2371	Fur Goods
2381	Dress & Work Gloves, Except Knit & All-Leather
2384	Robes & Dressing Gowns
2385	Waterproof Outerwear
2386	Leather & Sheep-Lined Clothing
2387	Apparel Belts
2389	Apparel & Accessories, N.E.C.
2391	Curtains & Draperies
2392	Housefurnishings, Except Curtains & Draperies
2393	Textile Bags
2394	Canvas & Related Products
2395	Pleating, Decorative & Novelty Stitching, & Tucking for the Trade
2396	Automotive Trimmings, Apparel Findings, & Related Products
2397	Schiffli Machine Embroideries
2399	Fabricated Textile Products, N.E.C.

Millwork, Veneer, Plywood, & Structural Wood
Members

2434	Wood Kitchen Cabinets
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Furniture & Fixtures

2511	Wood Household Furniture, Except Upholstered
2512	Wood Household Furniture, Upholstered
2514	Metal Household Furniture
2515	Mattresses, Foundations, & Convertible Beds
2517	Wood Television, Radio, Phonograph, & Sewing Machine Cabinets
2519	Household Furniture, N.E.C.
2521	Wood Office Furniture
2522	Office Furniture, Except Wood
2531	Public Building and Related Furniture
2541	Wood Office & Store Fixtures, Partitions, Shelving, & Lockers
2542	Office & Store Fixtures, Partitions, Shelving, & Lockers, Except Wood
2591	Drapery Hardware & Window Blinds & Shades
2599	Furniture & Fixtures, N.E.C.

Paper & Allied Products

2652	Setup Paperboard Boxes
2653	Corrugated & Solid Fiber Boxes
2655	Fiber Cans, Tubes, Drums & Similar Products
2656	Sanitary Food Containers, Except Folding

Paper & Allied Products (Cont.)

2657	Folding Paperboard Boxes, Including Sanitary
2671	Packaging Paper & Plastics Film, Coated & Laminated
2672	Coated & Laminated Paper, N.E.C.
2673	Plastics, Foil & Coated Paper Bags
2674	Uncoated Paper & Multiwall Bags
2675	Die-Cut Paper, Paperboard, & Cardboard
2676	Sanitary Paper Products
2677	Envelopes
2678	Stationery Tablets & Related Products
2679	Converted Paper & Paperboard Products, N.E.C.

Printing, Publishing, & Allied Industries

2711	Newspapers: Publishing, or Publishing & Printing
2721	Periodicals: Publishing, or Publishing & Printing
2731	Books: Publishing, or Publishing & Printing
2732	Book Printing
2741	Miscellaneous Publishing
2752	Commercial Printing, Lithographic
2754	Commercial Printing, Gravure
2759	Commercial Printing, N.E.C.
2761	Manifold Business Forms
2771	Greeting Cards
2782	Blankbooks, Looseleaf Binders & Devices
2789	Bookbinding & Related Work
2791	Typesetting
2796	Platemaking & Related Services

Drugs

2833	Medicinal Chemicals & Botanical Products
2834	Pharmaceutical Preparations
2835	In Vitro & In Vivo Diagnostic Substances
2836	Biological Products, Except Diagnostic Substances

Paints, Varnishes, Lacquers, Enamels, & Allied
Products

2851	Paints, Varnishes, Lacquers, Enamels, & Allied Products
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Rubber & Miscellaneous Plastics Products

3011	Tires & Inner Tubes
3021	Rubber & Plastics Footwear
3052	Rubber & Plastics Hose & Belting
3053	Gaskets, Packing & Sealing Devices
3061	Molded, Extruded, & Lathe-Cut Rubber Mechanical Goods
3069	Fabricated Rubber Products, N.E.C.
3081	Unsupported Plastics Film & Sheet
3082	Unsupported Plastics Profile Shapes
3083	Laminated Plastics Plate, Sheet, & Profile Shapes
3084	Plastics Pipe
3085	Plastics Bottles

Note: N.E.C. means Not Elsewhere Classified.

Rubber & Miscellaneous Plastics Products

3086	Plastics Foam Products
3087	Custom Compounding of Purchased Plastics Resins
3088	Plastics Plumbing Fixtures
3089	Plastics Products, N.E.C.

Leather & Leather Products

3131	Boot & Shoe Cut Stock & Findings
3142	House Slippers
3143	Men's Footwear, Except Athletic
3144	Women's Footwear, Except Athletic
3149	Footwear, Except Rubber, N.E.C.
3151	Leather Gloves & Mittens
3161	Luggage
3171	Women's Handbags & Purses
3172	Personal Leather Goods, Except Women's Handbags & Purses
3199	Leather Goods, N.E.C.

Glass Products, Made Of Purchased Glass

3231	Glass Products Made of Purchased Glass
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Fabricated Metal Products, Except Machinery & Transportation Equipment

3411	Metal Cans
3412	Metal Shipping Barrels, Drums, Kegs, & Pails
3421	Cutlery
3423	Hand & Edge Tools, Except Machine Tools & Handsaws
3425	Saw Blades & Handsaws
3429	Hardware, N.E.C.
3431	Enameled Iron & Metal Sanitary Ware
3432	Plumbing Fixture Fittings & Trim
3433	Heating Equipment, Except Electric & Warm Air Furnaces
3442	Metal Doors, Sash, Frames, Molding, & Trim
3443	Fabricated Plate Work (Boiler Shops)
3444	Sheet Metal Work
3446	Architectural & Ornamental Metal Work
3448	Prefabricated Metal Buildings & Components
3449	Miscellaneous Structural Metal Work
3451	Screw Machine Products
3452	Bolts, Nuts, Screws, Rivets, & Washers
3462	Iron & Steel Forgings
3463	Nonferrous Forgings
3465	Automotive Stampings
3466	Crowns & Closures
3469	Metal Stampings, N.E.C.
3471	Electroplating, Plating, Polishing, Anodizing, & Coloring
3479	Coating, Engraving, & Allied Services, N.E.C.
3482	Small Arms Ammunition
3483	Ammunition, Except for Small Arms
3484	Small Arms
3489	Ordinance & Accessories, N.E.C.
3491	Industrial Valves
3492	Fluid Power Valves & Hose Fittings

Fabricated Metal Products, Except Machinery & Transportation Equipment (Cont.)

3493	Springs, Steel, Except Wire
3494	Valves & Pipe Fittings, N.E.C.
3495	Wire Springs
3496	Miscellaneous Fabricated Wire Products
3497	Metal Foil & Leaf
3498	Fabricated Pipe & Pipe Fittings
3499	Fabricated Metal Products, N.E.C.

Industrial & Commercial Machinery & Computer Equipment

3511	Steam, Gas, & Hydraulic Turbines, & Turbine Generator Set Units
3519	Internal Combustion Engines, N.E.C.
3523	Farm Machinery & Equipment
3524	Lawn & Garden Tractors & Home Lawn & Garden Equipment
3531	Construction Machinery & Equipment
3532	Mining Machinery & Equipment, Except Oil & Gas Field Machinery & Equipment
3533	Oil & Gas Field Machinery & Equipment
3534	Elevators & Moving Stairways
3535	Conveyors & Conveying Equipment
3536	Overhead Traveling Cranes, Hoists, & Monorail Systems
3537	Industrial Trucks, Tractors, Trailers, & Stackers
3541	Machine Tools, Metal Cutting Types
3542	Machine Tools, Metal Forming Types
3543	Industrial Patterns
3544	Special Dies & Tools, Die Sets, Jigs, & Fixtures, & Industrial Molds
3545	Cutting Tools, Machine Tool Accessories, & Machinists' Precision Measuring Devices
3546	Power Driven Handtools
3547	Rolling Mill Machinery & Equipment
3548	Electric & Gas Welding & Soldering Equipment
3549	Metalworking Machinery, N.E.C.
3552	Textile Machinery
3553	Woodworking Machinery
3554	Paper Industries Machinery
3555	Printing Trades Machinery & Equipment
3556	Food Products Machinery
3559	Special Industry Machinery, N.E.C.
3561	Pumps & Pumping Equipment
3562	Ball & Roller Bearings
3563	Air & Gas Compressors
3564	Industrial & Commercial Fans & Blowers, & Air Purification Equipment
3565	Packaging Machinery
3566	Speed Changers, Industrial High-Speed Drives, & Gears
3567	Industrial Process Furnaces & Ovens
3568	Mechanical Power Transmission Equipment, N.E.C.
3569	General Industrial Machinery & Equipment, N.E.C.
3571	Electronic Computers
3572	Computer Storage Devices
3575	Computer Terminals
3577	Computer Peripheral Equipment, N.E.C.

Note: N.E.C. means Not Elsewhere Classified.

Industrial & Commercial Machinery & Computer Equipment

3578 Calculating & Accounting Machines, Except Electronic Computers
3579 Office Machines, N.E.C.
3581 Automatic Vending Machines
3582 Commercial Laundry, Drycleaning, & Pressing Machines
3585 Air Conditioning & Warm Air Heating Equipment & Commercial & Industrial Refrigeration Equipment
3586 Measuring & Dispensing Pumps
3589 Service Industry Machinery, N.E.C.
3592 Carburetors, Pistons, Piston Rings, & Valves
3593 Fluid Power Cylinders & Actuators
3594 Fluid Power Pumps & Motors
3596 Scales & Balances, Except Laboratory
3599 Industrial & Commercial Machinery & Equipment, N.E.C.

Electronic & Other Electrical Equipment & Components, Except Computer Equipment

3612 Power, Distribution, & Specialty Transformers
3613 Switchgear & Switchboard Apparatus
3621 Motors & Generators
3624 Carbon & Graphite Products
3625 Relays & Industrial Controls
3629 Electrical Industrial Apparatus, N.E.C.
3631 Household Cooking Equipment
3632 Household Refrigerators, & Home & Farm Freezers
3633 Household Laundry Equipment
3634 Electrical Housewares & Fans
3635 Household Vacuum Cleaners
3639 Household Appliances, N.E.C.
3641 Electric Lamps Bulbs & Tubes
3643 Current-Carrying Wiring Devices
3644 Noncurrent-Carrying Wiring Devices
3645 Residential Electric Lighting Fixtures
3646 Commercial, Industrial, & Institutional Electric Lighting Fixtures
3647 Vehicular Lighting Equipment
3648 Lighting Equipment, N.E.C.
3651 Household Audio & Video Equipment
3652 Phonograph Records & Recorded Audio Tapes & Disks
3661 Telephone & Telegraph Apparatus
3663 Radio & Television Broadcasting & Communications Equipment
3669 Communications Equipment, N.E.C.
3671 Electron Tubes
3672 Printed Circuit Boards
3674 Semiconductors & Related Devices
3675 Electronic Capacitors
3676 Electronic Resistors
3677 Electronic Coils, Transformers, & Other Inductors
3678 Electronic Connectors
3679 Electronic Components, N.E.C.
3691 Storage Batteries
3692 Primary Batteries, Dry & Wet

Electronic & Other Electrical Equipment & Components, Except Computer Equipment (Cont.)

3694 Electrical Equipment for Internal Combustion Engines
3695 Magnetic & Optical Recording Media
3699 Electrical Machinery, Equipment, & Supplies, N.E.C.

Transportation Equipment

3711 Motor Vehicles & Passenger Car Bodies
3713 Truck & Bus Bodies
3714 Motor Vehicle Parts & Accessories
3715 Truck Trailers
3716 Motor Homes
3721 Aircraft
3724 Aircraft Engines & Engine Parts
3728 Aircraft Parts & Auxiliary Equipment, N.E.C.
3743 Railroad Equipment
3751 Motorcycles, Bicycles, & Parts
3761 Guided Missiles & Space Vehicles
3764 Guided Missile & Space Vehicle Propulsion Units & Propulsion Unit Parts
3769 Guided Missile & Space Vehicle Parts & Auxiliary Equipment, N.E.C.
3792 Travel Trailers & Campers
3795 Tanks & Tank Components
3799 Transportation Equipment, N.E.C.

Measuring, Analyzing & Controlling Instruments; Photographic, Medical, & Optical Goods; Watches & Clocks

3812 Search, Detection, Navigation, Guidance, Aeronautical, & Nautical Systems & Instruments
3821 Laboratory Apparatus & Furniture
3822 Automatic Controls for Regulating Residential & Commercial Environments & Appliances
3823 Industrial Instruments for Measurement, Display, & Control of Process Variables, & Related Products
3824 Totalizing Fluid Meters & Counting Devices
3825 Instruments for Measuring & Testing of Electricity & Electrical Signals
3826 Laboratory Analytical Instruments
3827 Optical Instruments & Lenses
3829 Measuring & Controlling Devices, N.E.C.
3841 Surgical & Medical Instruments & Apparatus
3842 Orthopedic, Prosthetic, & Surgical Appliances & Supplies
3843 Dental Equipment & Supplies
3844 X-Ray Apparatus & Tubes & Related Irradiation Apparatus
3845 Electromedical & Electrotherapeutic Apparatus
3851 Ophthalmic Goods
3861 Photographic Equipment & Supplies
3873 Watches, Clocks, Clockwork Operated Devices, & Parts

Note: N.E.C. means Not Elsewhere Classified.

Miscellaneous Manufacturing Industries

3911 Jewelry, Precious Metal
3914 Silverware, Plated Ware, & Stainless Steel Ware
3915 Jewelers' Findings & Materials, & Lapidary Work
3931 Musical Instruments
3942 Dolls & Stuffed Toys
3944 Games, Toys, & Children's Vehicles, Except Dolls & Bicycles
3949 Sporting & Athletic Goods, N.E.C.
3951 Pens, Mechanical Pencils, & Parts
3952 Lead Pencils, Crayons, & Artists' Materials
3953 Marking Devices
3955 Carbon Paper & Inked Ribbons
3961 Costume Jewelry & Costume Novelties, Except Precious Metal
3965 Fasteners, Buttons, Needles, & Pins
3991 Brooms & Brushes
3993 Signs & Advertising Specialties
3995 Burial Caskets
3996 Linoleum, Asphalted-Felt-Base, & Other Hard Surface Floor Coverings, N.E.C.
3999 Manufacturing Industries, N.E.C.

Public Warehousing & Storage

4221 Farm Product Warehousing & Storage
4222 Refrigerated Warehousing & Storage
4225 Warehousing & Storage, General

Note: N.E.C. means Not Elsewhere Classified.

TABLE 4
MANDATORY INDUSTRIES (Categories iv, v, vii, and ix)
Permit Required in Any Case
April 1992

TYPE OF FACILITY	FACILITIES INCLUDED	FACILITIES EXCLUDED	COMMENTS
Hazardous Waste Treatment Facilities	<p>Facilities regulated by the State Department of Toxic Substances Control, which:</p> <ul style="list-style-type: none"> a) operate under interim status or a permit under Subtitle C of the Resource Conservation and Recovery Act (RCRA), and b) use any method, technique, or process, to change the physical, chemical, or biological character or composition of RCRA hazardous wastes for the purpose of neutralization; energy or material resource recovery; rendering such waste nonhazardous, less hazardous, or safer to transport, store, or dispose; reducing waste volume; or making such waste more amenable for recovery or storage. 		RCRA hazardous wastes are defined in Section 66261.3 of Title 22 of the California Code of Regulations.
Hazardous Waste Storage Facilities	<p>Facilities regulated by the State Department of Toxic Substances Control, which:</p> <ul style="list-style-type: none"> a) operate under interim status or a permit under Subtitle C of the Resource Conservation and Recovery Act (RCRA), and b) hold RCRA hazardous wastes from onsite or offsite locations for a temporary period until the waste is treated, disposed of, or stored elsewhere. 	Temporary hazardous waste storage facilities operated for less than 90 days are not covered by RCRA.	RCRA hazardous wastes are defined in Section 66261.3 of Title 22 of the California Code of Regulations.
Hazardous Waste Disposal Facilities	<p>Facilities regulated by the State Department of Toxic Substances Control, which:</p> <ul style="list-style-type: none"> a) operate under interim status or a permit under Subtitle C of the Resource Conservation and Recovery Act (RCRA), and b) discharge, deposit, inject, or place RCRA hazardous wastes on or into any land or water. 		RCRA hazardous wastes are defined in Section 66261.3 of Title 22 of the California Code of Regulations.
Landfills	<p>Active, inactive, and closed sites that:</p> <ul style="list-style-type: none"> a) receive or have received wastes from other facilities covered by the General Industrial Stormwater NPDES Permit, b) are subject to regulation under Subtitle D of RCRA, or c) have accepted wastes from construction activities involving clearing, grading, or excavation of five acres or more. 		A Landfill is defined as an area of land or excavation in which wastes are placed for permanent disposal, excluding land application sites, surface impoundments, injection wells, and waste piles (40 CFR Part 257.2).

TABLE 4
MANDATORY INDUSTRIES (Categories iv, v, vii, and ix)
Permit Required in Any Case
April 1992

TYPE OF FACILITY	FACILITIES INCLUDED	FACILITIES EXCLUDED	COMMENTS
Land Application Sites	Active, inactive, and closed sites that: a) receive or have received wastes from other facilities covered by the General Industrial Stormwater NPDES Permit, b) are subject to regulation under Subtitle D of RCRA, or c) have accepted wastes from construction activities involving clearing, grading, or excavation of five acres or more.	Manure spreading operations.	A Land Application Site is defined as an area where wastes are applied onto or incorporated into the soil surface for agricultural purposes or for treatment and disposal (40 CFR Part 257.2).
Open Dumps	Active, inactive, and closed sites that: a) receive or have received wastes from other facilities covered by the General Industrial Stormwater NPDES Permit, b) are subject to regulation under Subtitle D of RCRA, or c) have accepted wastes from construction activities involving clearing, grading, or excavation of five acres or more.		An Open Dump is a municipal landfill failing to satisfy the Criteria for Municipal Solid Waste Landfills specified in 40 CFR Part 258. Open dumps are prohibited under Section 4005 of RCRA.
Steam Electric Power Generating Facilities	Facilities that generate electricity utilizing fossil type fuel (coal, oil, or gas) or nuclear fuel using a steam water system, and raw material storage areas, including coal handling sites.	Facilities with NPDES permits which regulate stormwater discharges.	
Wastewater Treatment, Storage, Recycling, or Reclamation Facilities	Facilities that treat, store, recycle, or reclaim municipal wastewater, including adjoining land dedicated to sewage sludge disposal.	<ol style="list-style-type: none"> 1. Facilities with NPDES permits which regulate stormwater discharges. 2. Facilities with design capacities of less than 1 MGD which are not required to have a pretreatment program under 40 CFR Part 403. 3. Farm lands and domestic gardens where sludge is beneficially reused, or sludge management facilities which are not located on land adjoining the treatment, storage, recycling, or reclamation facilities site. 4. Facilities that are in compliance with Section 405 of the Clean Water Act (federal regulations governing sewage sludge disposal) 5. Facilities that collect all stormwater runoff and discharge the runoff back to the headworks of the treatment facility. 	